

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (currently amended) A mobile screening unit for screening bulk material, said screening unit comprising:

- an elongated mobile support frame having a longitudinal axis;
- a first screener mounted to the support frame and extending longitudinally thereon, the first screener having:

- an inlet for receiving bulk material containing large-sized, medium-sized, and small-sized particles,

- a first outlet for releasing large-sized particles, and

- a second outlet for releasing medium-sized and small-sized particles, the first screener being used for screening the bulk material along a first direction substantially parallel to the longitudinal axis of the support frame; and

- a second screener mounted to the support frame and extending longitudinally thereon, the second screener having:

- an inlet for receiving medium-sized and small-sized particles conveyed from the first screener,

- a first outlet for releasing medium-sized particles, and

- a second outlet for releasing small-sized particles, the second screener being used for screening the medium-sized particles from the small-sized particles along a second direction substantially parallel to the longitudinal axis of the support frame;

PL - a feeding hopper mounted to the support frame for accumulating bulk material, the feeding hopper having an inlet for receiving bulk material and an outlet for releasing bulk material; and

- a feeding conveyor positioned to receive the bulk material released from the outlet of the feeding hopper and convey the same in the first direction to the inlet of the first screener.

2. (cancelled)

3. (original) A mobile screening unit according to claim 1, comprising a transition conveyor mounted to the support frame and extending longitudinally thereon, the transition conveyor being positioned to receive the medium-sized and small-sized particles released from the second outlet of the first screener and convey the same in the second direction to the inlet of the second screener.

4. (original) A mobile screening unit according to claim 1, comprising a recovering conveyor mounted to the support frame and extending longitudinally thereon, the recovering conveyor being positioned to receive the small-sized particles released from the second outlet of the second screener and convey the same in the first direction to an outlet end thereof.

5. (currently amended) A mobile screening unit according to claim 4, comprising a piling conveyor mounted to the support frame for receiving the small-sized particles from the outlet end of the recovering conveyor and forming a pile of small-sized particles aside from the support frame, the piling conveyor being movable with respect to the support frame between a folded position where it is folded against the support frame ~~along the longitudinal axis thereof~~ and an

extended position where it extends in perpendicular to the longitudinal axis of the support frame.

6. (original) A mobile screening unit according to claim 1, comprising a piling conveyor mounted to a rear end of the support frame for receiving the medium-sized particles released from the first outlet of the second screener and forming a pile of medium-sized particles at the rear of the support frame, said piling conveyor being movable between a folded position where it is folded against the rear end of the support frame and an extended position where it extends in the same line as the support frame.

7. (original) A mobile screening unit according to claim 1, wherein the first screener is selected from the group consisting of a vibrating screener, a disc screener and a heavy-duty star screener.

8. (original) A mobile screening unit according to claim 1, wherein the first screener is a vibrating screener.

9. (original) A mobile screening unit according to claim 1, wherein the second screener is selected from the group consisting of a vibrating screener, a disc screener, a star screener, a rotating screener, a satellite screener, a gyratory screener, and a double-stage vibrating screener.

10. (original) A mobile screening unit according to claim 1, wherein the second screener is a rotating screener.

11. (currently amended) A mobile screening unit according to claim 2 1, wherein the feeding hopper comprises retractable rear and lateral side panels.

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12. (original) A mobile screening unit according to claim 1, wherein the support frame comprises:

a coupling device for removably coupling the support frame to hauling means; and

a wheeled assembly operatively connected to the support frame for allowing transportation of the screening unit by the hauling means.

13. (original) A mobile screening unit according to claim 1, wherein the support frame comprises hydraulic support legs for stabilizing the support frame of the screening unit during stationary working operation of the screening unit.

14. (original) A mobile screening unit according to claim 1, wherein the second screener is a double-stage screener comprising a first screening floor for screening the medium-sized particles from the small-sized particles and a second screening floor to further screen the small-sized particles into coarser small-sized particles and finer small-sized particles.

15. (currently amended) A mobile screening unit according to claim 1 ~~for screening bulk material, said screening unit comprising:~~

~~—an elongated mobile support frame having a longitudinal axis;~~

~~—a first screener mounted to the support frame and extending longitudinally thereon, the first screener having:~~

~~an inlet for receiving bulk material containing large-sized, medium-sized, and small-sized particles,~~

~~a first outlet for releasing large-sized particles, and~~

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~~a second outlet for releasing medium-sized and small-sized particles, the first screener being used for screening the bulk material along a first direction substantially parallel to the longitudinal axis of the support frame;~~

~~— a second screener mounted to the support frame and extending longitudinally thereon, the second screener having:~~

~~an inlet for receiving medium-sized and small-sized particles conveyed from the first screener,~~

~~a first outlet for releasing medium-sized particles, and~~

~~a second outlet for releasing small-sized particles, the second screener being used for screening the medium-sized particles from the small-sized particles along a second direction substantially parallel to the longitudinal axis of the support frame;~~

~~— a feeding hopper for accumulating bulk material, mounted to the support frame and extending longitudinally thereon between the first screener and the second screener, the feeding hopper having an inlet for receiving bulk material and an outlet;~~

~~— a feeding conveyor positioned to receive the bulk material from the outlet of the feeding hopper and convey the same in the first direction to the inlet of the first screener;~~

- a transition conveyor mounted to the support frame and extending longitudinally thereon, the transition conveyor being positioned to receive the medium-sized and small-sized particles released from the second outlet of the first

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screener and convey the same in the second direction to the inlet of the second screener;

- a recovering conveyor mounted to the support frame and extending longitudinally thereon, the recovering conveyor being positioned to receive the small-sized particles released from the second outlet of the second screener and convey the same in the first direction to an outlet end thereof;

- a first piling conveyor mounted to the support frame for receiving the small-sized particles from the outlet end of the recovering conveyor and forming a pile of small-sized particles aside from the support frame, the piling conveyor being movable with respect to the support frame between a folded position where it is folded against the support frame along the longitudinal axis thereof and an extended position where it extends in perpendicular to the longitudinal axis of the support frame; and

- a second piling conveyor mounted to a rear end of the support frame for receiving the medium-sized particles released from the first outlet of the second screener and forming a pile of medium-sized particles at the rear of the support frame, said piling conveyor being movable between a folded position where it is folded against the rear end of the support frame and an extended position where it extends in the same line as the support frame.

16. (currently amended) A screening method for screening bulk material, said method comprising the steps of:

- a) ~~receiving~~ accumulating into a feeding hopper bulk material containing large-sized, medium-sized, and small-sized particles;

- b) receiving the bulk material from the feeding hopper;

- c) screening large-sized particles from medium-sized and small-sized particles along a first longitudinal direction;

24 e) d) receiving medium-sized and small-sized particles obtained in a step (a) (c); and

d) e) screening medium-sized particles from small-sized particles along a second longitudinal direction substantially parallel to the first longitudinal direction.

17. (currently amended) A screening method according to claim 16, wherein step (a) (b) comprises the step of receiving the bulk material in a direction substantially parallel to the first longitudinal direction.

18. (currently amended) A screening method according to claim 17, wherein step (c) (d) comprises the step of receiving medium-sized and small-sized particles in a direction substantially parallel to the second longitudinal direction.
